

Title (en)  
Antenna apparatus and electronic equipment having antenna apparatus

Title (de)  
Antennenanordnung und damit ausgerüstetes elektronisches Gerät

Title (fr)  
Dispositif d'antenne et équipement électronique avec dispositif d'antenne

Publication  
**EP 1460780 A1 20040922 (EN)**

Application  
**EP 04006101 A 20040315**

Priority  
JP 2003072029 A 20030317

Abstract (en)  
An antenna apparatus(1) capable of being installed at a mobile body(10), the antenna apparatus(1) comprising a plurality of receiving antennas(2); an antenna switching means(3) for switching each of the plurality of receiving antennas(2) between a connected state and a disconnected state respectively; and a control means(6) for controlling switching by the antenna switching means(3) based on the direction in which, and the speed at which, the mobile body(10) moves relative to the direction of propagation of at least one propagating wave of at least one received signal. <IMAGE>

IPC 1-7  
**H04B 7/08**; **H01Q 1/32**

IPC 8 full level  
**H01Q 1/32** (2006.01); **H01Q 21/28** (2006.01); **H04B 7/08** (2006.01); **H04N 5/44** (2011.01)

CPC (source: EP US)  
**H01Q 1/32** (2013.01 - EP US); **H01Q 21/28** (2013.01 - EP US); **H04B 7/0814** (2013.01 - EP US); **H04B 7/0874** (2013.01 - EP US)

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• [A] GODARA L C: "APPLICATIONS OF ANTENNA ARRAYS TO MOBILE COMMUNICATIONS, PART I: PERFORMANCE IMPROVEMENT, FEASIBILITY, AND SYSTEM CONSIDERATIONS", PROCEEDINGS OF THE IEEE, IEEE. NEW YORK, US, vol. 85, no. 7, 1 July 1997 (1997-07-01), pages 1031 - 1060, XP000735330, ISSN: 0018-9219

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DOCDB simple family (application)  
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